STANDARD STRAIGHT BAR

BAR	* LOCATION CATEGORY		
SIZE	А	В	C
#.4	1'-5''	1'-0''	1'-0''
#5	1'-9''	1'-3''	1'-0''
#6	2'-2''	1'-6''	l'-·3''
#.7	2'-7''	1'-10''	1'-6''
#.8	3'-4''	2′-5′′	′- ′′
#.9	4'-3''	3'-0''	2′-5′′
#10	5'-4''	3′-10′′	3′-1′′
#	6'-7''	4'-8''	3'-9''

* LOCATION CATEGORY:

- A-Bars in horizontal layers in top of pour with 12" or more of concrete below them such as in: footings, pier caps, etc.
- B-All bars not in Category A spaced less than 6" apart. C-All bars not in Category A spaced 6" or more apart.

FHWA APPROVAL

DATE:

Note:

- I. When development length is not specified on the Plans, the above dimensions shall be used,
- 2. These development lengths do not apply when bar is in lightweight concrete or any other strength of concrete.
- 3. These development lengths only apply where the

General Notes indicate "Reinforcing Steel Design, fs= 24,000 p.s.i.'

4.If depth of member does not allow bar development length indicated in Categories A, B, and C; then hook shall be added to all bars not conforming, as per D, E, and F per Std. No. M(6.10)-86-180.

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C.S. Freedom OFFICE OF S	DIRECTOR TRUCTURES
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STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

DEVELOPMENT LENGTH DIMENSIONS FOR GRADE 60 REINFORCING STEEL IN MIX NO.6 (4500 P.S.I.) CONCRETE NON-EPOXY COATED REINFORCING

STANDARD NO. M(6,16)-90-216

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